

electricity
north west

Bringing energy to your door



Interface

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34,000 distribution substations

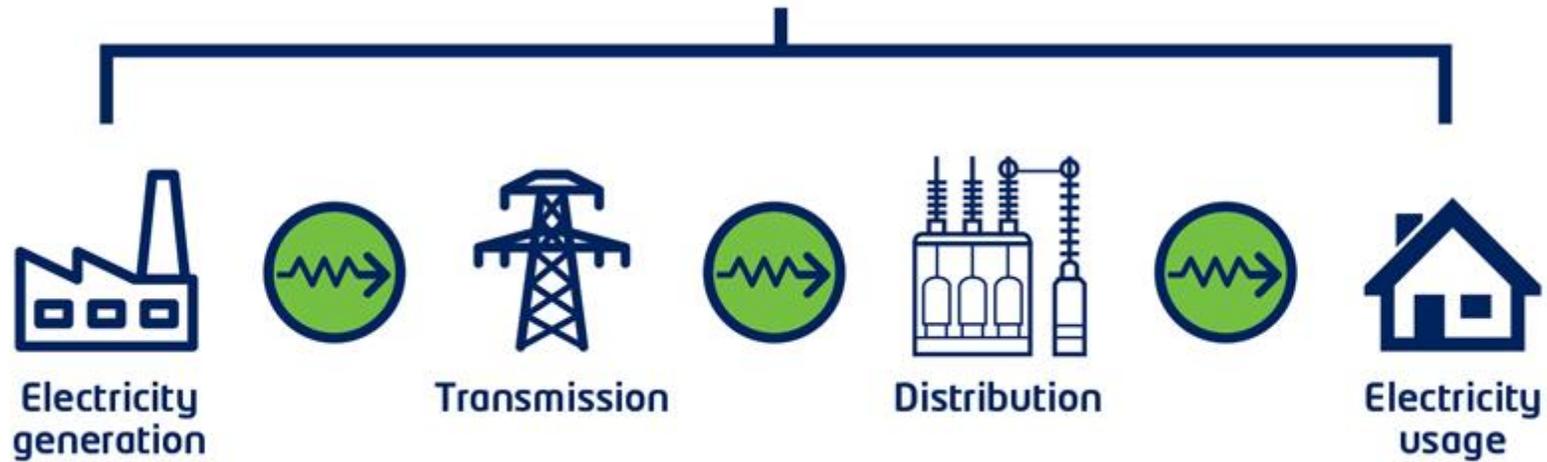
2.4 million connections

Diverse geographical area

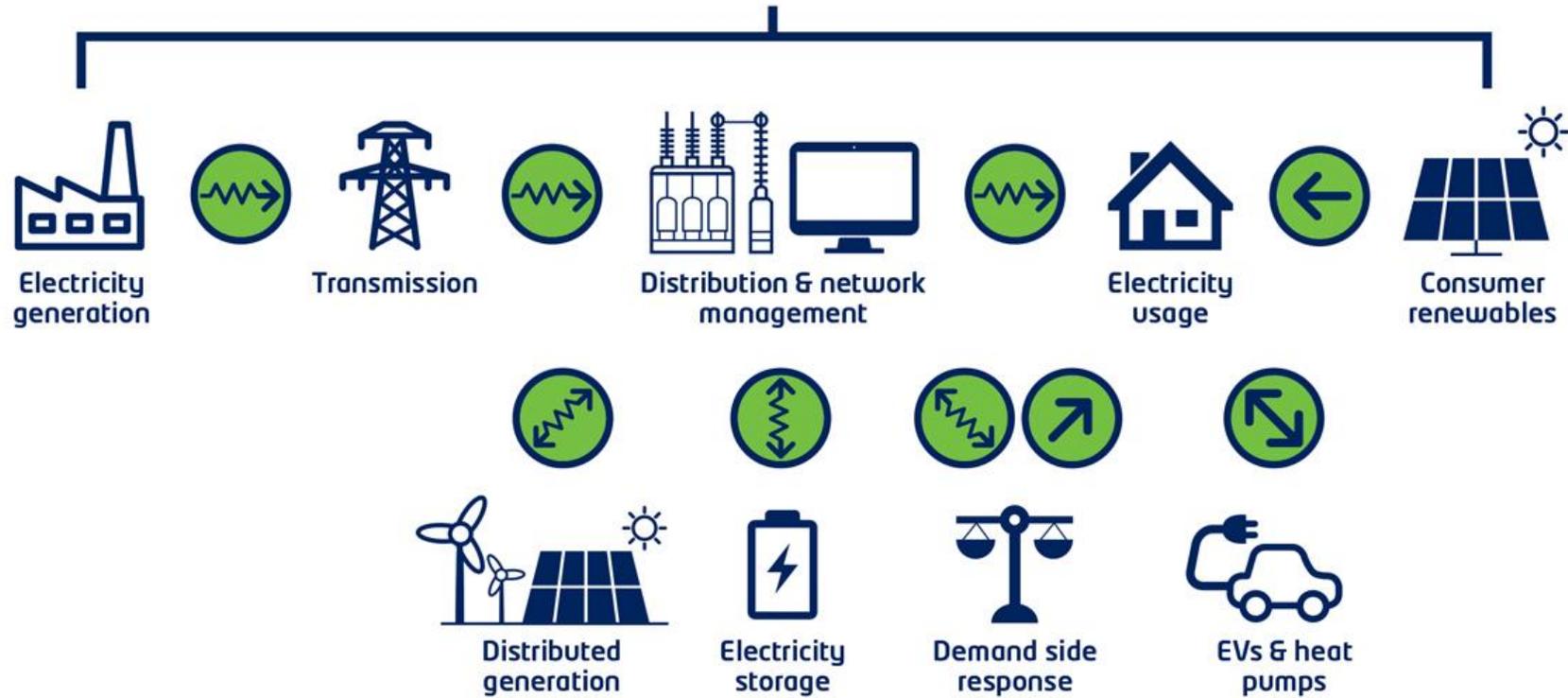




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Historically networks were simple and passive



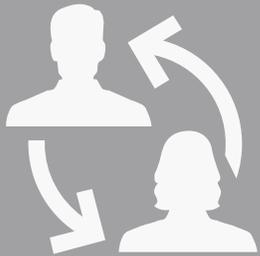
Networks becoming more complex and reactive



Smarter Networks need more intelligent devices at more points on the network



Greater use of communications infrastructure to connect to the centre



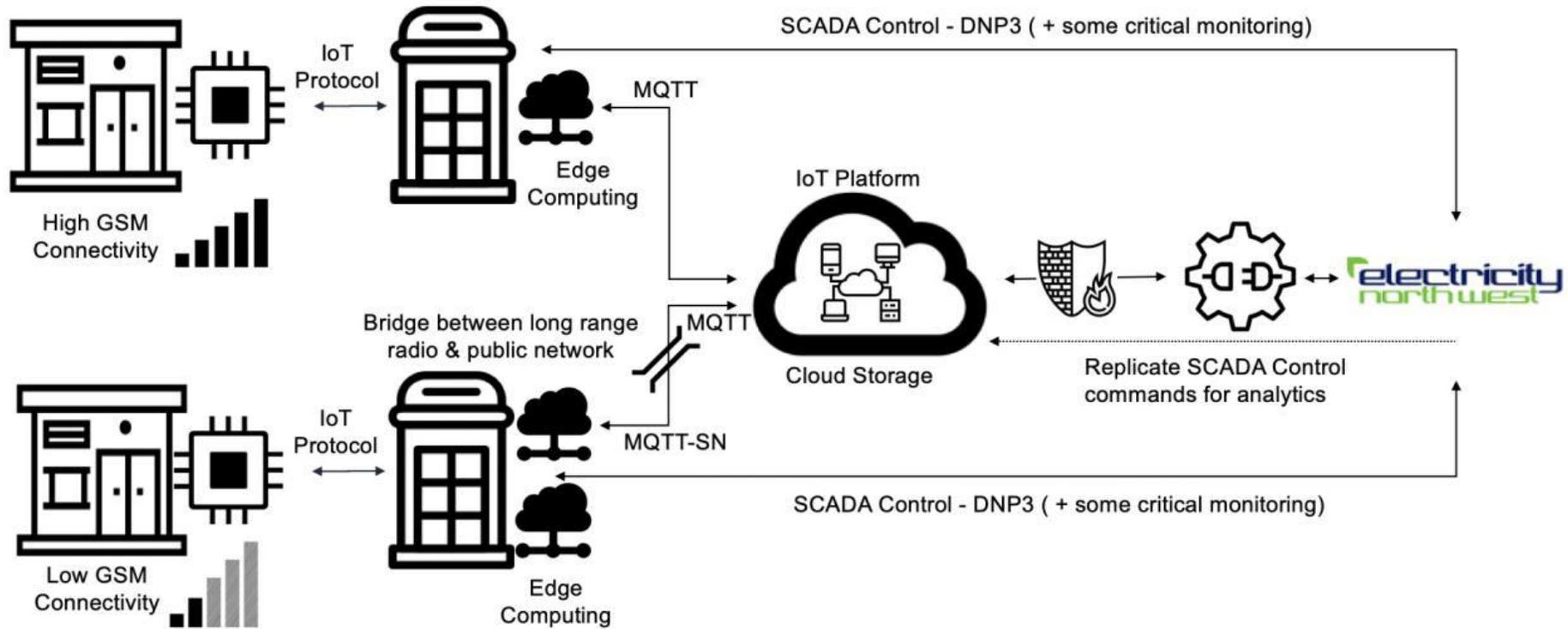
Open up access to data in line with the digitalisation strategy



Identify communication requirements and protocols

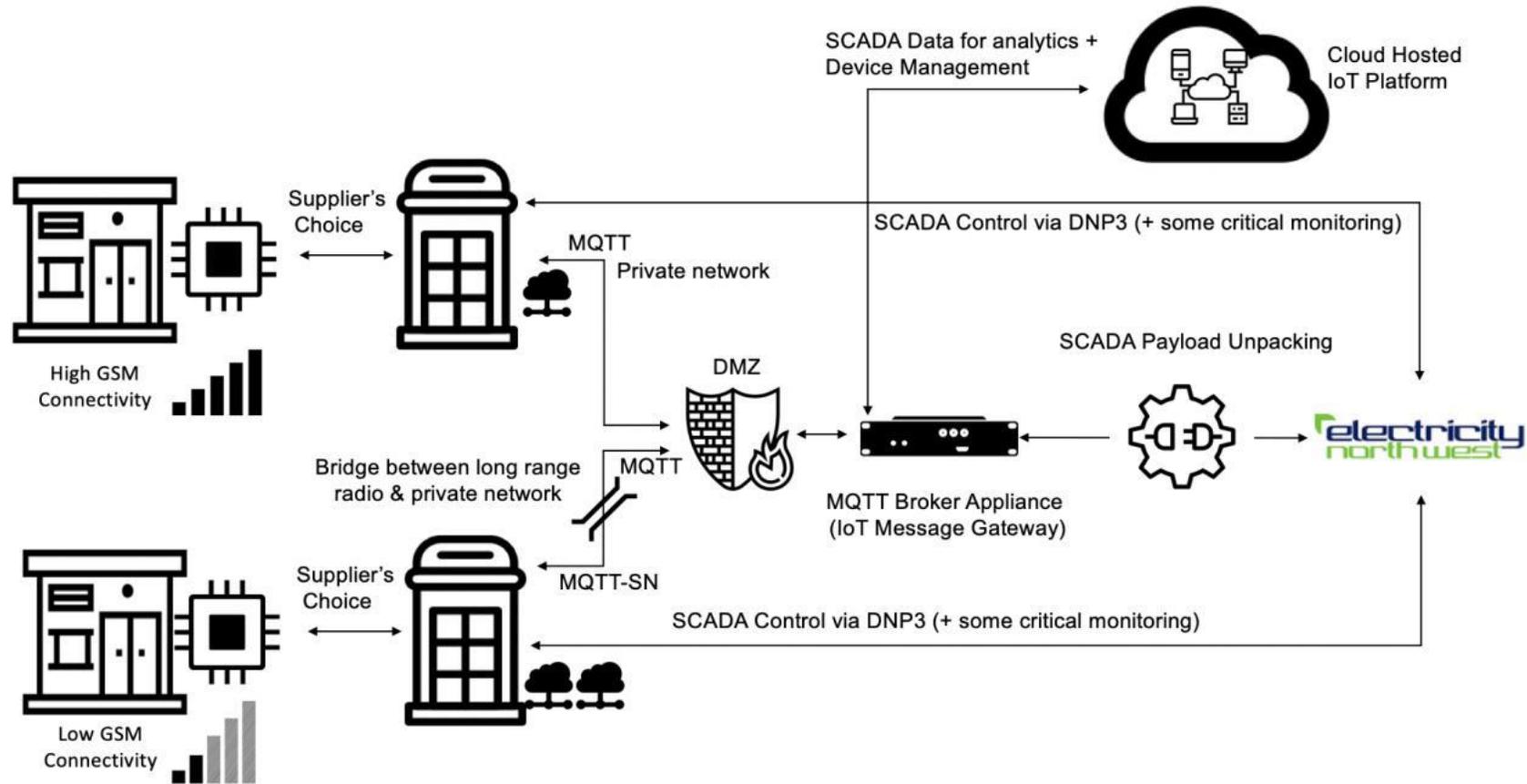
Trial interfaces to DNO and Customer equipment

Develop methodology for implementing findings in a replicable manner



Proposed architecture using a public network

Design – Private Network



Proposed architecture for using a private network



Install a variety of devices to cover current and expected needs

Test different comms protocols and connection methods

Refine and finalise design ready for BaU deployment



Workplace restrictions and staffing during the pandemic



Supply chain issues around sourcing equipment



Price increases seen business wide

QUESTIONS & ANSWERS



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